Copy on Write File System Gonsistenoy and Block Usage

Inventor: Hitz

Docket: Sheet: 103.1002.13 1 of 40

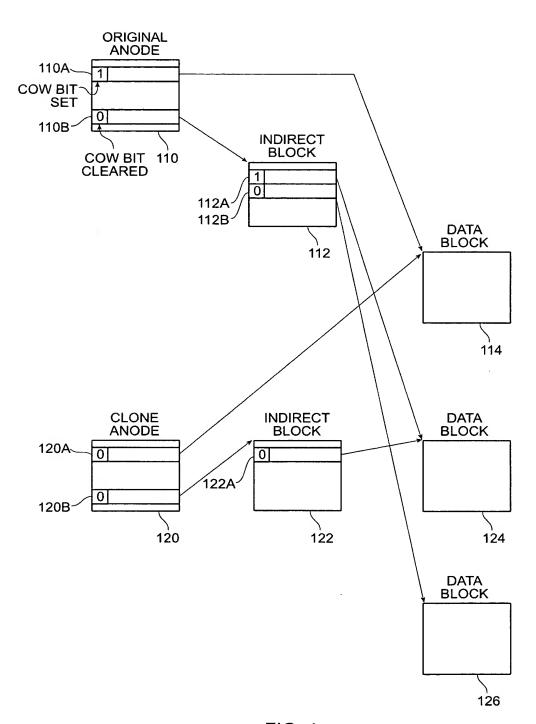


FIG. 1 PRIOR ART

Copy on Write File System Consistency and Block Usage

Inventor: Hitz

Docket: 103.1002.13

Sheet: 2 of 40

2/40

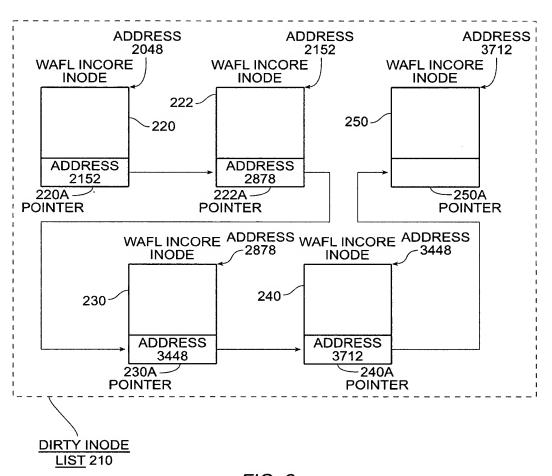


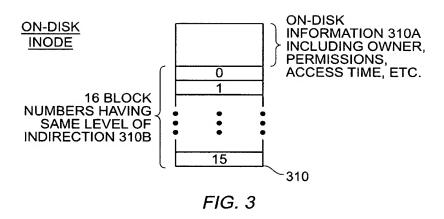
FIG. 2

Copy on Write File System Consistency and Block Usage

Inventor:

Hitz

Docket: 103.1002.13 Sheet: 3 of 40



Copy on Write File System Consistency and Block Usage Hitz

Inventor:

Docket: Sheet: 103.1002.13 4 of 40

4/40

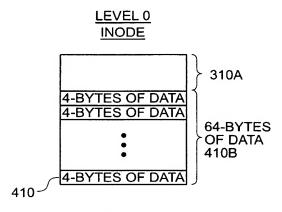


FIG. 4A

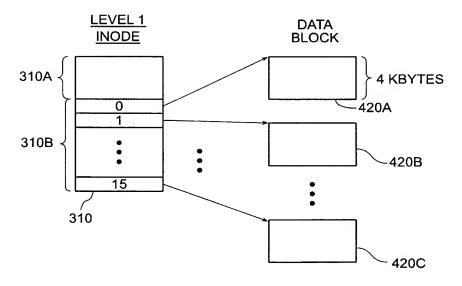


FIG. 4B

Title: Copy on Write File System
Consistency and Block Usage

Inventor: Hitz Docket: 103.1002.13 Sheet: 5 of 40

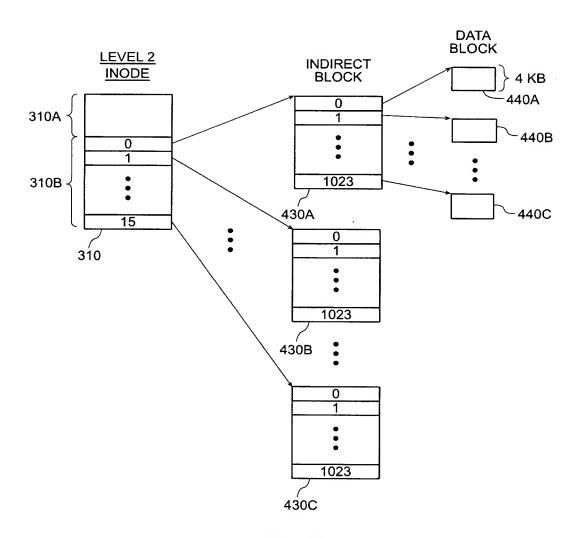
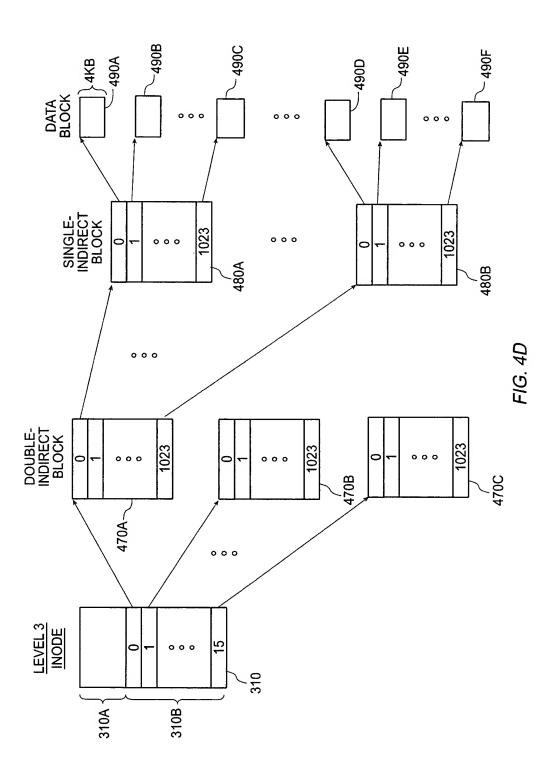


FIG. 4C

Title: Copy on Write File System
Consistency and Block Usage

Inventor: Hitz
Docket: 103.1002.13
Sheet: 6 of 40

6/40



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Title: Copy on Write File System Consistency and Block Usage

Inventor: Hitz
Docket: 103.1002.13
Sheet: 7 of 40

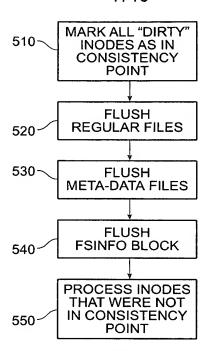


FIG. 5

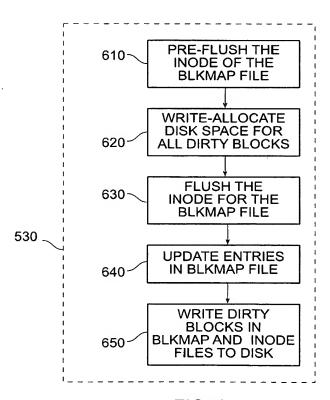


FIG. 6

Copy on Write File System Consistency and Block Usage

Inventor:

Hitz

Docket: 103.1002.13 Sheet: 8 of 40

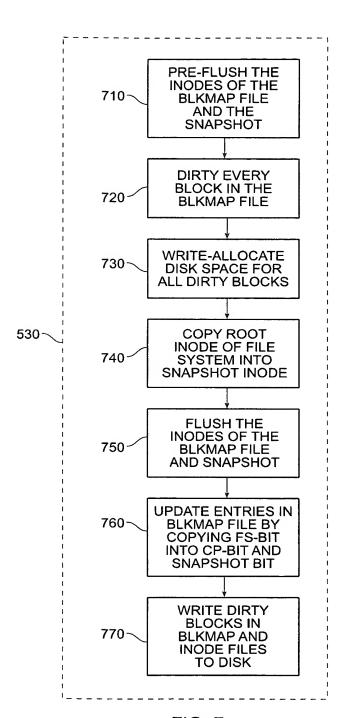


FIG. 7

Copy on Write File System Consistency and Block Usage

Inventor:

Hitz

Docket: 103.1002.13 Sheet: 9 of 40

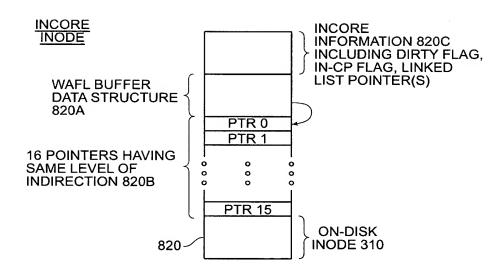


FIG.8

Copy on Write File System
Consistency and Block Usage

Inventor:

Hitz

Docket: 103.1002.13 Sheet: 10 of 40

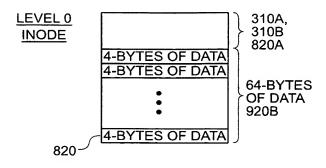


FIG. 9A

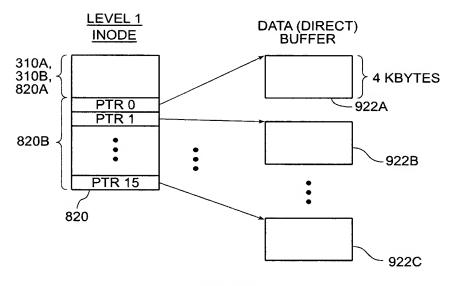


FIG. 9B

Copy on Write File System Consistency and Block Usage

Inventor:

Hitz

Docket: Sheet: 103.1002.13 11 of 40

11/40

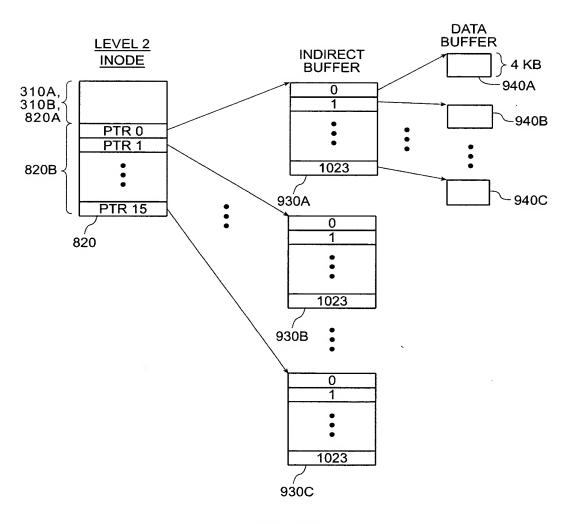


FIG. 9C

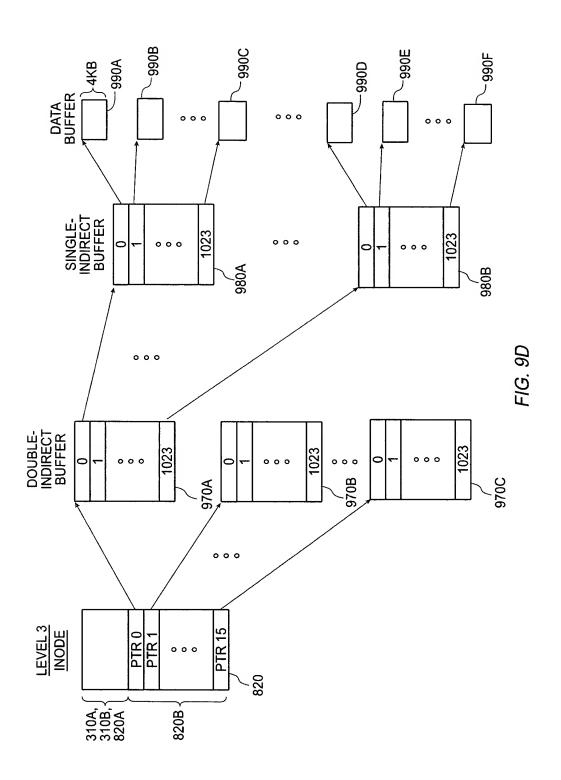
Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet:

-:- ·

Hitz 103.1002.13 12 of 40

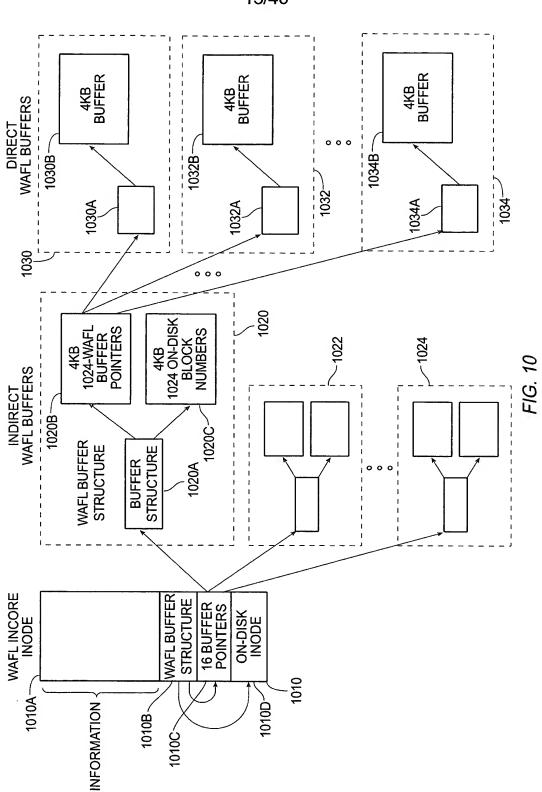




Copy on Write File System Consistency and Block Usage Hitz

Inventor: Docket: Sheet: 103.1002.13 13 of 40

13/40



Copy on Write File System Cohsistency and Block Usage Hitz

Inventor:

Docket: 103.1002.13 Sheet: 14 of 40

14/40

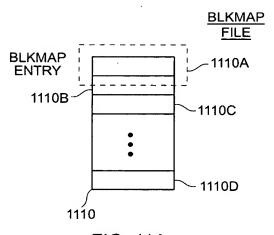


FIG. 11A

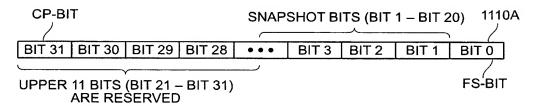


FIG. 11B

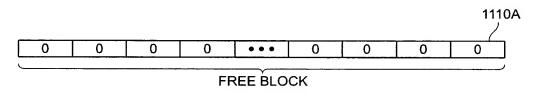


FIG. 11C

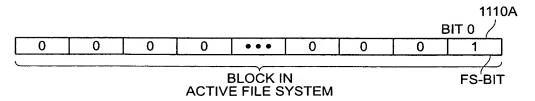


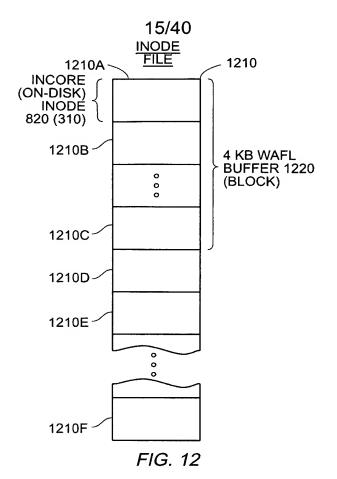
FIG. 11D

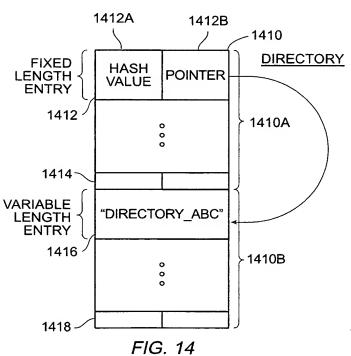
Copy on Write File System Consistency and Block Usage

Inventor: Hitz

Docket: 103.1002.13

Sheet: 15 of 40





Title: Copy on Write File System
Consistency and Block Usage

Inventor: Hitz
Docket: 103.1002.13
Sheet: 16 of 40

16/40

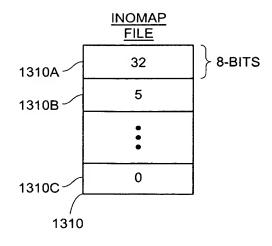


FIG. 13A

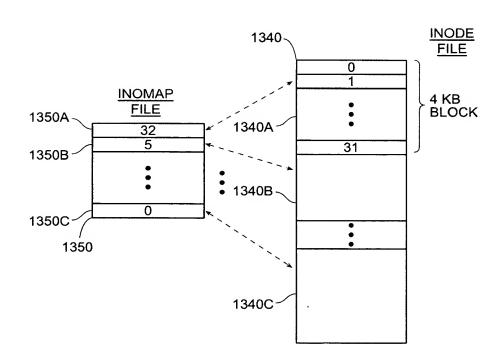


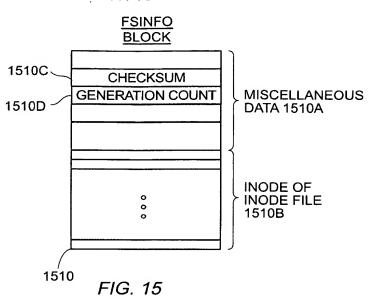
FIG. 13B

Copy on Write File System Consistency and Block Usage

Inventor: Docket:

Docket: 103.1002.13 Sheet: 17 of 40





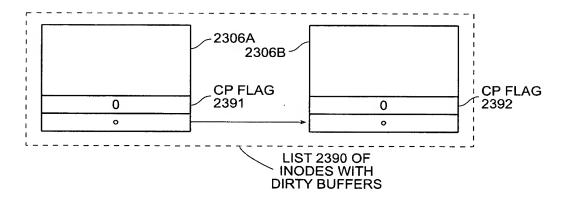


FIG. 17A

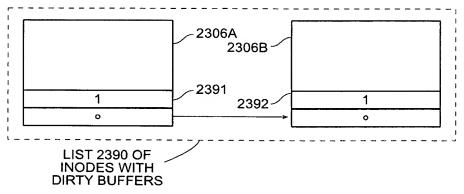


FIG. 171

Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet: Hitz 103.1002.13 18 of 40

18/40

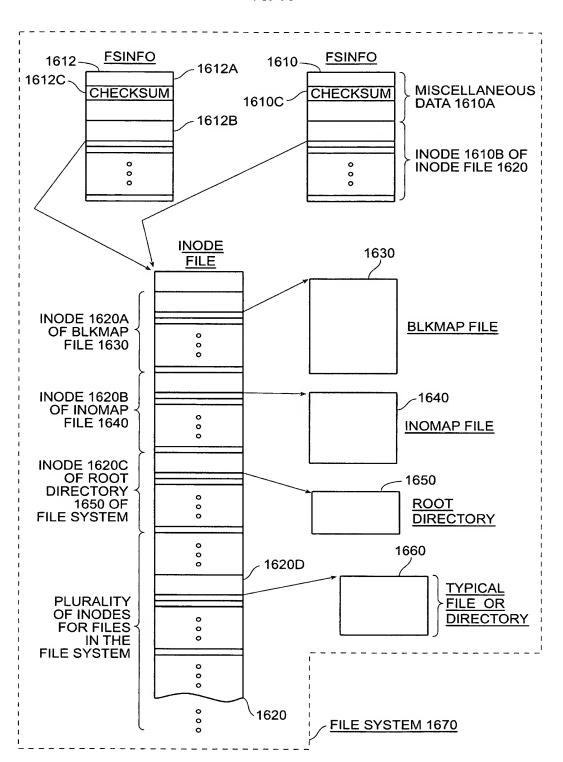


FIG. 16

Title: Copy on Write File System
Consistency and Block Usage

Inventor: Hitz
Docket: 103.1002.13
Sheet: 19 of 40

19/40

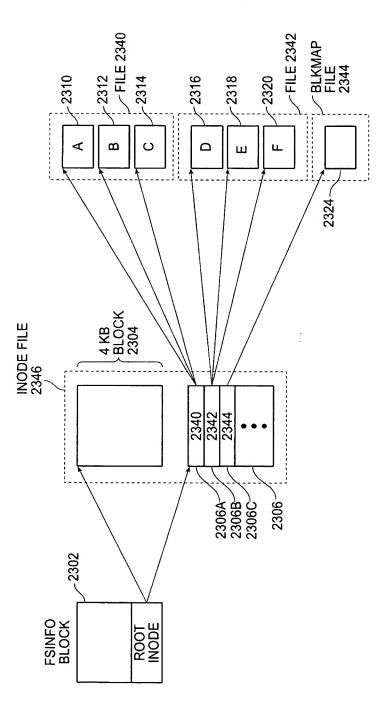


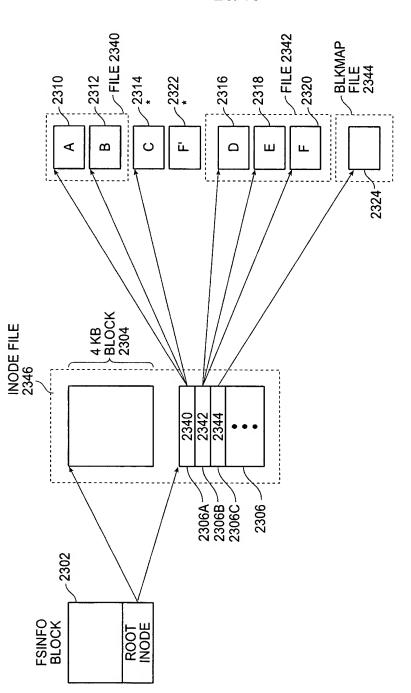
FIG. 17B

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Title: Copy on Write File System Consistency and Block Usage

Inventor: Hitz Docket: 103.1002.13 Sheet: 20 of 40

# 20/40



71G. 17C

Copy on Write File System Consistency and Block Usage Title:

Inventor:

103.1002.13

Docket: Sheet: 21 of 40

21/40

•	BIT 31 (CP-BIT)		BIT 1 BIT 0 (FS-BIT)			
2304 2306 2308 2310 2312 2314 2316 2318 2320 2322 2324 2326 2328	1	000	1	1	2324A 2324B	
	1	000	1	1	2324B 2324C	
	0	000	0	0	2324C 2324D	
	1	000	1	1	_2324E 2324F 2324G	•
	1	000	1	1		
	1	000	1	0		
	1	000	1	1	2324G	4 KB
	1	000	1	1	23241	BLOCK
	1	000	1	1	2324J	2324
	0	000	0	0	2324J -2324K	
	1	000	1	1	-2324L	
	0	000	0	0	2324L 2324M	
	0	000	0	0	2024101	
		o o o				
ţ					] .	)

FIG. 17D

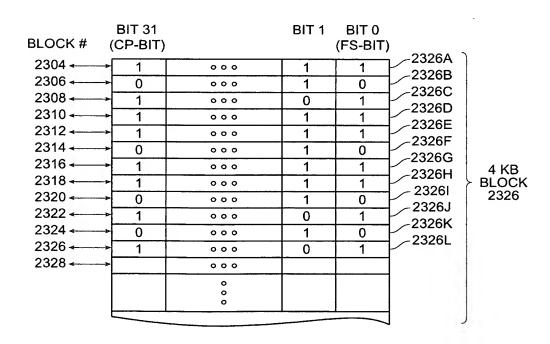
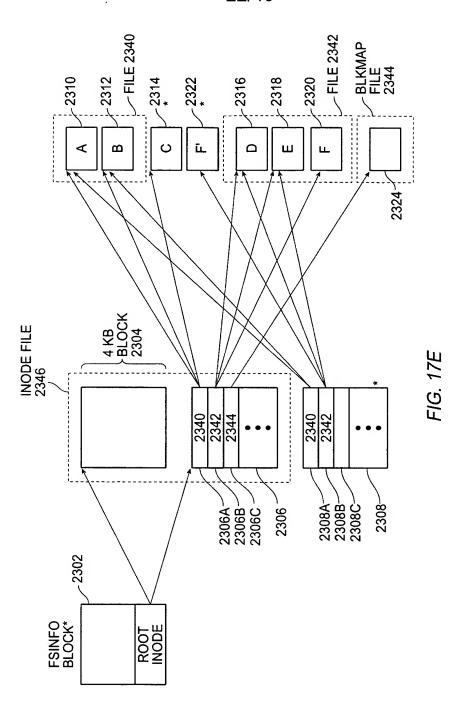


FIG. 17J

Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet: Hitz 103.1002.13 22 of 40

22/40

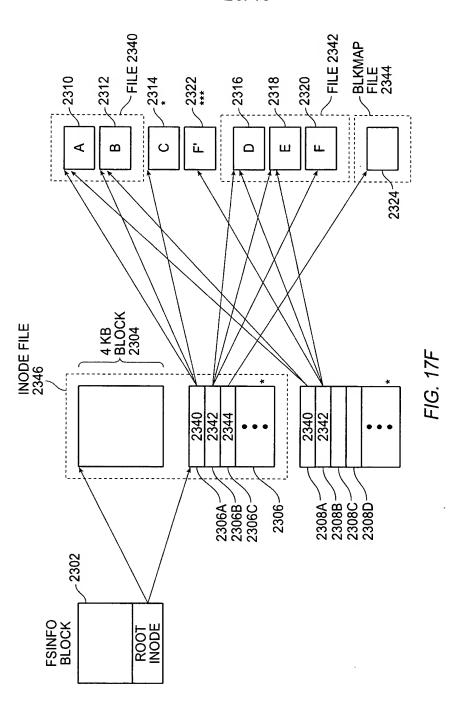


Copy on Write File System Consistency and Block Usage

Inventor:

Hitz 103.1002.13 23 of 40 Docket: Sheet:

23/40



Copy on Write File System Consistency and Block Usage Hitz

Inventor: Docket: Sheet:

103.1002.13 24 of 40

24/40

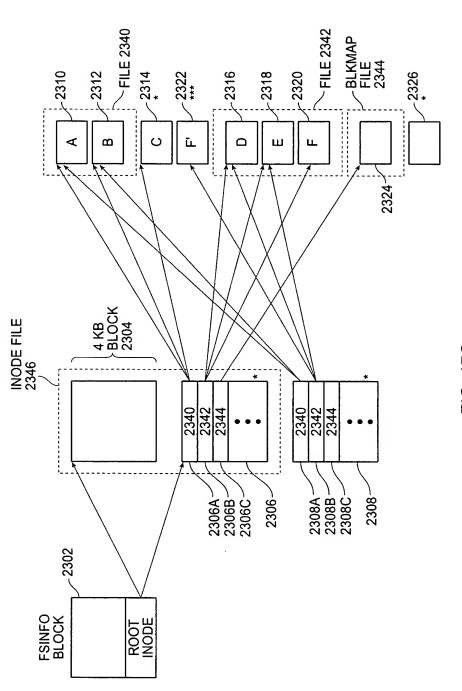


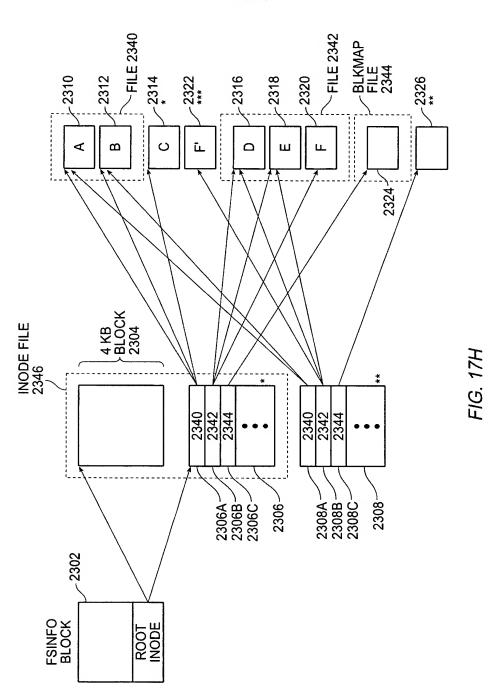
FIG. 17G

Copy on Write File System Consistency and Block Usage Hitz

Inventor: Docket: Sheet:

103.1002.13 25 of 40

25/40



Title: Copy on Write File System Consistency-and Block Usage

Inventor: Hitz Docket: 103.1002.13 Sheet: 26 of 40

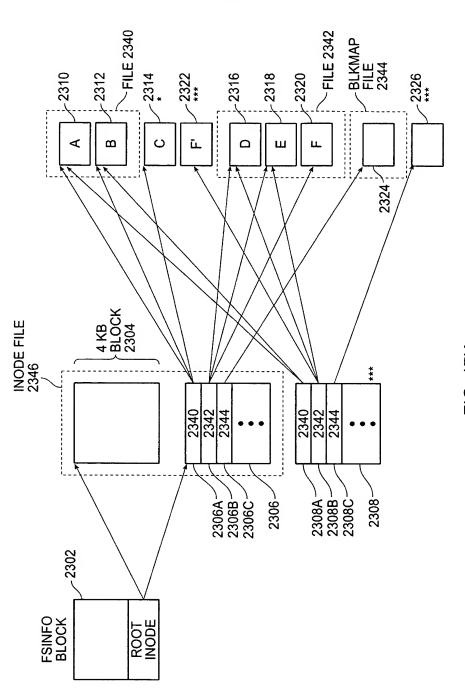


FIG. 17K

Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet:

Hitz 103.1002.13 27 of 40

27/40

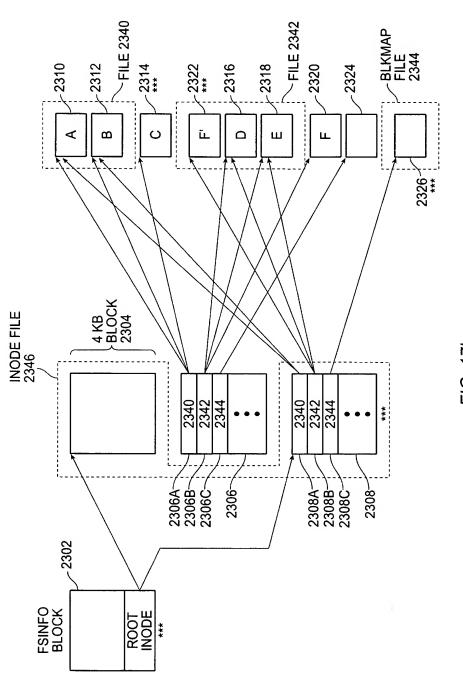


FIG. 17L

Copy on Write File System Consistency and Block Usage Hitz

Inventor: Docket: Sheet:

103.1002.13 28 of 40

28/40

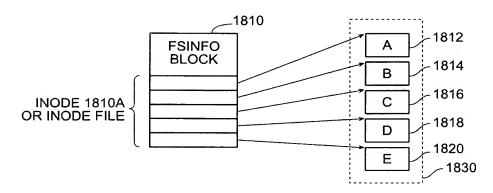


FIG. 18A

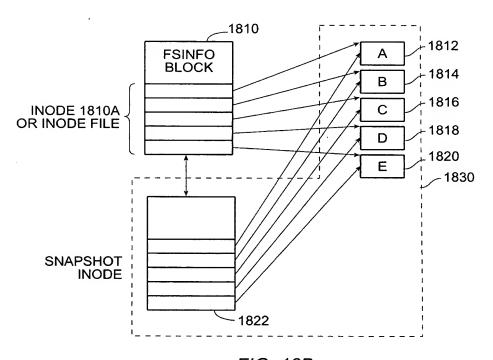


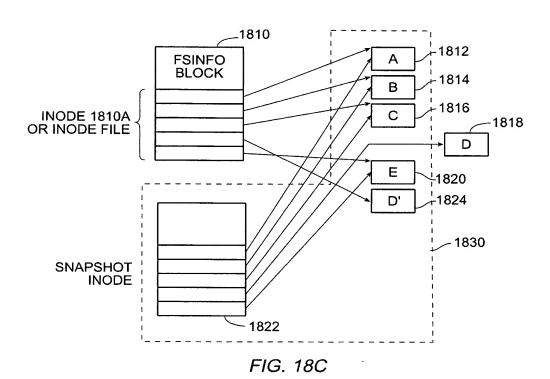
FIG. 18B

Copy on Write File System Consistency'and Block Usage

Inventor: Hitz

Docket: Sheet: 103.1002.13 29 of 40

29/40



Copy on Write File System Consistency and Block Usage

Inventor: Docket:

Hitz 103.1002.13 Sheet: 30 of 40

30/40

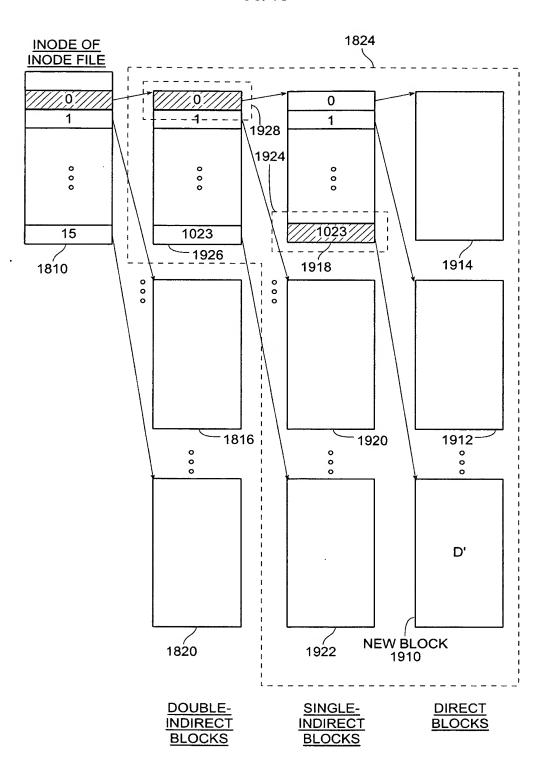


FIG. 19

Copy on Write File System Consistency and Block Usage Hitz

Inventor: Docket: Sheet:

103.1002.13 31 of 40

31/40

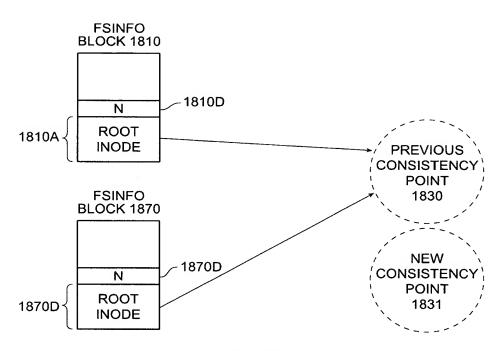


FIG. 20A

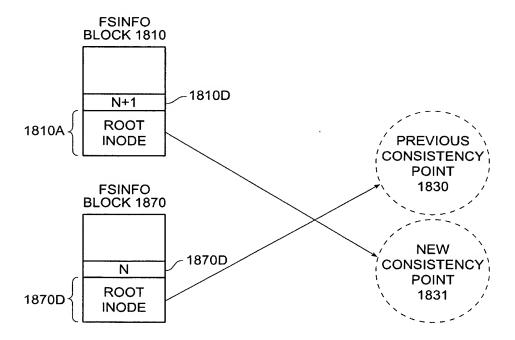


FIG. 20B

Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet:

Hitz 103.1002.13 32 of 40

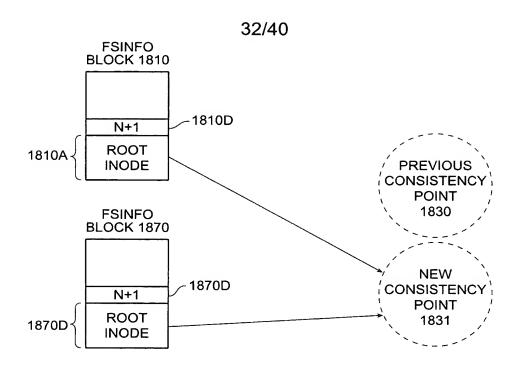


FIG. 20C

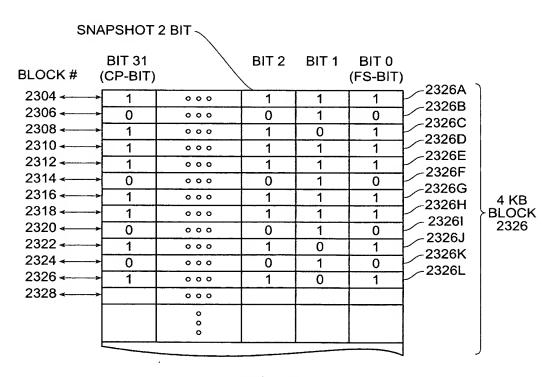


FIG. 21E

Copy on Write File System Cohsistency and Block Usage

Inventor: Docket: Sheet: Hitz 103.1002.13 33 of 40

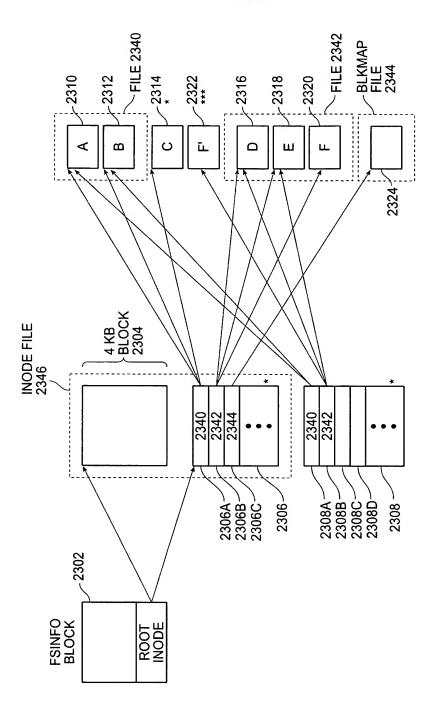


FIG. 21A

Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet:

Hitz 103.1002.13 34 of 40

34/40

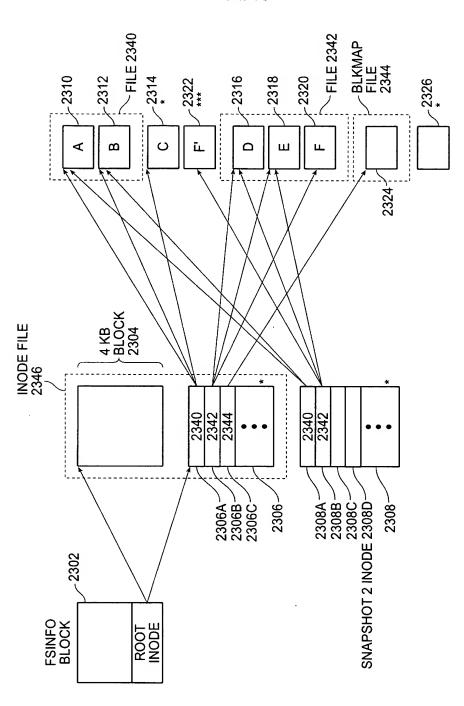


FIG. 21B

Copy on Write File System Consistency and Block Usage

Inventor: Docket:

Hitz 103.1002.13 35 of 40 Sheet:

35/40

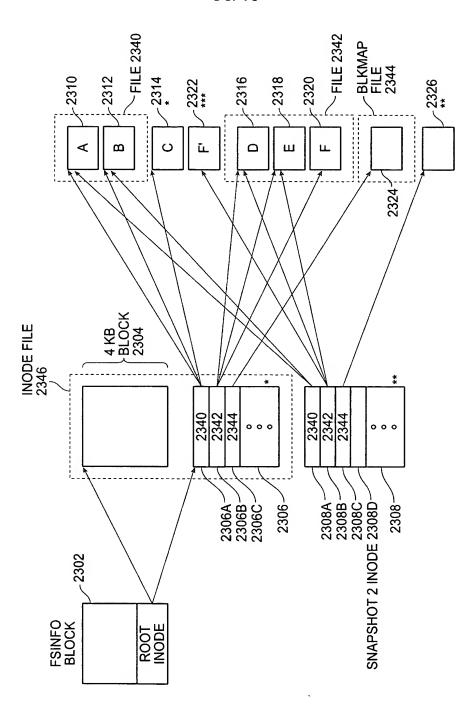
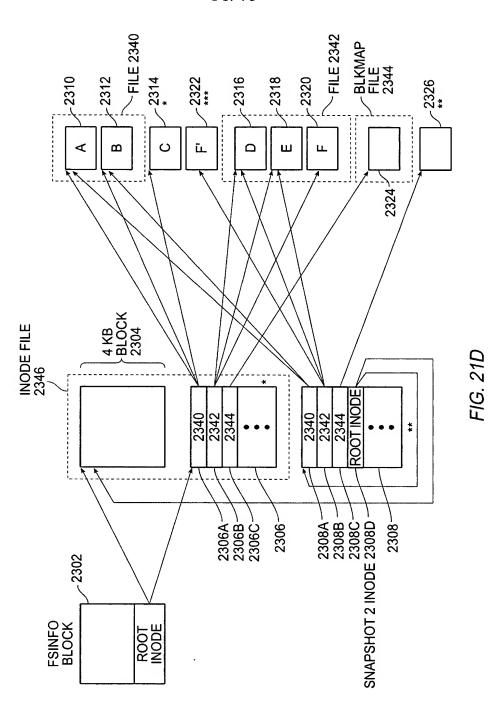


FIG. 21C

Copy on Write File System Consistency and Block Usage Hitz Title:

Inventor: Docket: Sheet: 103.1002.13 36 of 40

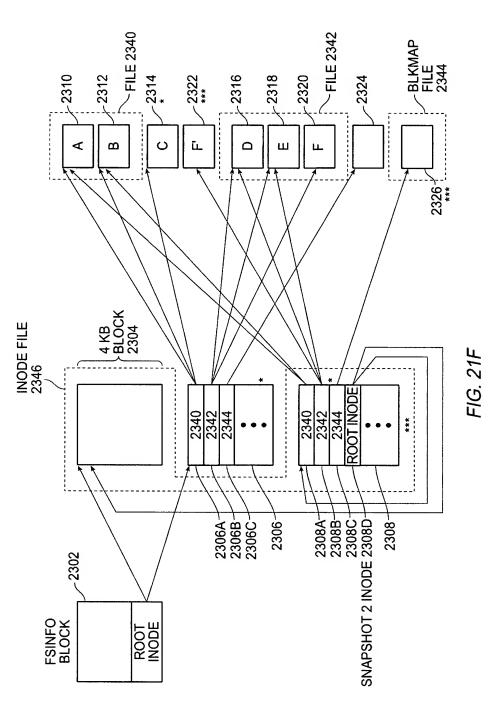
36/40



Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet: Hitz 103.1002.13 37 of 40

37/40



Title: Copy on Write File System

Consistency and Block Usage

Inventor: Hitz

Docket: 103.1002.13 Sheet: 38 of 40

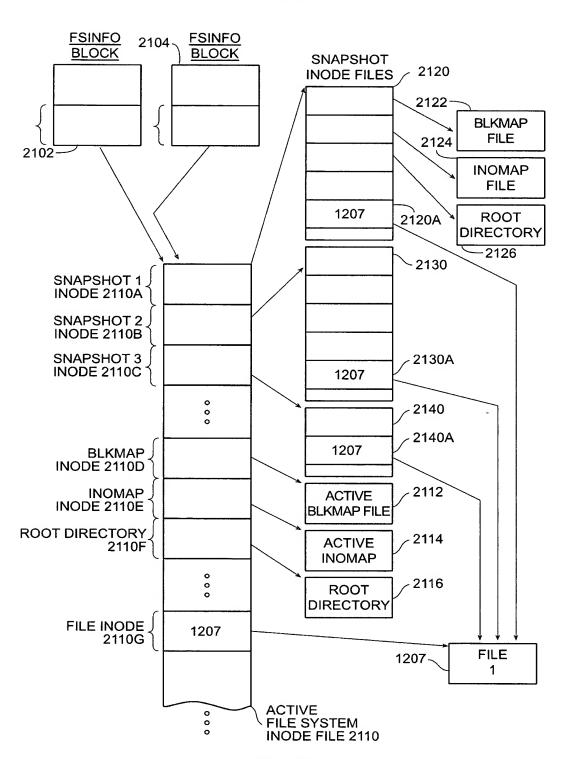
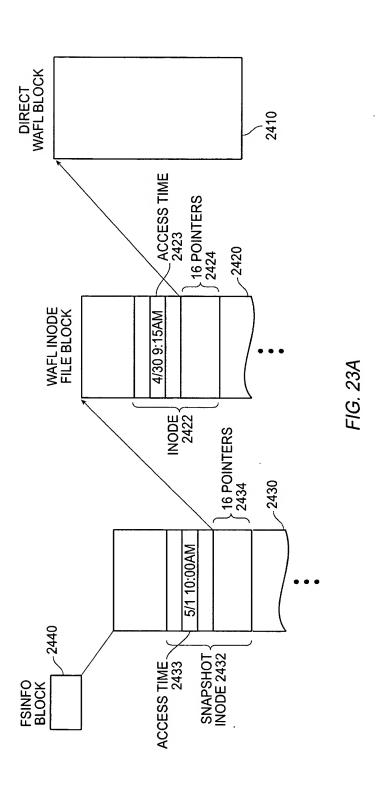


FIG. 22

Copy on Write File System Consistency and Block Usage Hitz

Inventor: Docket: Sheet: 103.1002.13 39 of 40

39/40



Title: Co

Copy on Write File System Consistency and Block Usage

Inventor: Docket: Sheet:

103.1002.13 40 of 40

40/40

